

## **Abstract**

A detonation producing toy device utilizes air pressure. The device has a gun body in which an air pump, a seal body and a rolling mechanism are disposed. The air pump is integrated with the seal body. An elongate strip of rubber film from the rolling mechanism is pressed between the seal body and a gunpoint which is at one end of the gun body. As a trigger of the device is fired, compressed air from the pump causes the film to expand outwards till it bursts, and at the same time detonation is produced. This interesting device is easy to operate, with simple structure, great safety and vivid vocal effect.